



❖ **DATOS PERSONALES**

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❖ **FORMACIÓN ACADÉMICA**

- Maestría en Electrónica y Computación con especialidad en Sistemas Inteligentes Aplicados
- Licenciatura en Ingeniería en Electrónica

❖ **POSICIÓN ACTUAL**

- Profesor Investigador de Tiempo Completo de la Licenciatura en Informática e Ingeniería en Desarrollo de Software y Sistemas Inteligentes

❖ **LÍNEAS DE INVESTIGACIÓN**

- Sistemas empotrados
- Arquitectura de computadoras
- Diseño UX

❖ **PUBLICACIONES**

- García, I., & **Cano, E.** (2018). *A computer game for teaching and learning algebra topics at undergraduate level. Computer Applications in Engineering Education*, 26(2), 326–340. doi:10.1002/cae.21887
- Algreto Badillo , I. ., Sarmiento Torres, E. D., Atonal Nolasco, C. ., **Cano Cruz, E. M.**, & Arellano Pimentel, J. (2015). Aplicación móvil para la automatización del método explicativo-ilustrativo para la enseñanza de idiomas. *Programación matemática Y Software*, 7(2), 1–7. [doi.org/10.30973/progmat/2015.7.2/1](https://doi.org/10.30973/progmat/2015.7.2/1)
- **Cano-Cruz, E. M.**, & López-Orozco, F. (2015). Design and development of a low-cost and portable meteorological system: MeteoBlue. *Advanced Science Letters*, 21(1), 83–87. doi.org/10.1166/asl.2015.5760
- **Edgar Manuel Cano Cruz**, Juan Andrés Velázquez Cruz, Juan Gabriel Ruiz Ruiz, Luis David Huerta Hernández. (2015). Video Games in Teaching-Learning



Processes: A Brief Review. *International Journal of Secondary Education*, 2(6), 102-105. ISSN: 2376-7464. doi.org/10.11648/j.ijssedu.20140206.12

- **Edgar Manuel Cano Cruz**, Juan Gabriel Ruiz Ruiz. (2015). Educational Software to Teaching-Learning the Zapotec Language of the Istmo of Tehuantepec. *Science Journal of Education*, 3(2), 16-21. ISSN: 2329-0900. doi.org/10.11648/j.sjedu.20150302.11
- **Edgar Manuel Cano Cruz**, Juan Gabriel Ruiz Ruiz. (2015), Portable Weather System for Measure and Monitoring Temperature, Relative Humidity, and Pressure, Based on Bluetooth Communication, *American Journal of Networks and Communications*. Vol. 4, No. 3, 2015, pp. 49-53. ISSN: 2326-893X. doi: 10.11648/j.ajnc.20150403.15
- I. A. Garcia, **E. M. Cano** (2014). Designing and implementing a constructionist approach for improving the teaching–learning process in the embedded systems and wireless communications areas. *Computer Applications in Engineering Education*. Volume22, Issue3. doi: 10.1002/cae.20574.
- **Cano, E. M.**, Ruiz, J. G., & Garcia, I. A. (2013). *Integrating a learning constructionist environment and the instructional design approach into the definition of a basic course for embedded systems design*. *Computer Applications in Engineering Education*, 23(1), 36–53. doi:10.1002/cae.21574
- **Cano, E.**, Ruiz, J., & Huerta, L. (2013). Gateway for Bluetooth and CAN Communications Protocols. *Journal of Theoretical and Applied Information Technology*, 55(3). ISSN: 1992-8645.
- **E. Cano** and I. Garcia. (2011). "Design and Development of a BlueBee Gateway for Bluetooth and ZigBee Wireless Protocols," *2011 IEEE Electronics, Robotics and Automotive Mechanics Conference*, Cuernavaca, Mexico, 2011, pp. 366-370, doi: 10.1109/CERMA.2011.67.